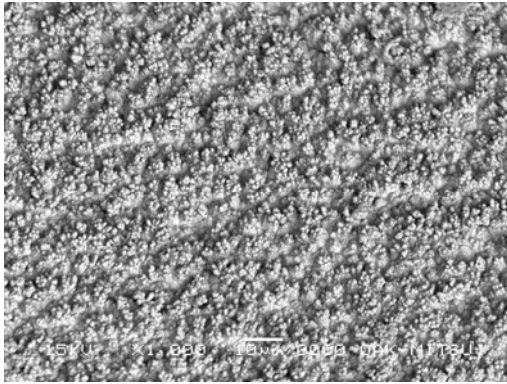
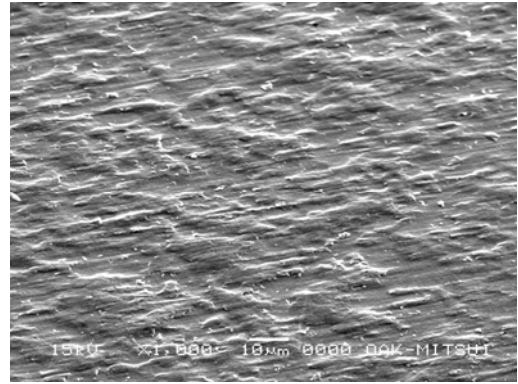


# SuperFlex

SuperFlex is a super high elongation copper foil with a desirable combination of handling and ductility attributes developed for flex circuitry. Available in single or double-sided treatment.



Matte Side SuperFlex (Half-Ounce)



Drum Side SuperFlex (Half-Ounce)

Nominal Thickness		microns	18	35	70
Area Weight		oz/ft <sup>2</sup>	1/2	1	2
Tensile	ambient	Kpsi	57.5	55	50
	180°C	Kpsi	27.5	27.5	27.5
Elongation	ambient	%E	15	20	25
	180°C	%E	20	25	30
Roughness	drum	Ra / u.inch	10	10	10
	matte	Rmax / u.inch	200	325	475
Peel Strength	matte	lbs/in	6.5	9.5	12.0
B Condition Epoxy, Tg 170°C					

### Performance Benefits

- Cost effective replacement for RA foils.
- High reliability in bend-to-install & low dynamic flex applications.
- Lower profile for fine lines and consistent etching.
- DBT version eliminates costs and enables processing of ultra-thin laminates.

The information contained in this specification is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. The actual performance of Mitsui materials will vary according to the customer's application.

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